

THESIS

Name	Mohamed Yazrul Bin Mohd Yassin
Student ID	KC13031
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Supervisor	Dr. Nor Hanimah Binti Hamidi
Evaluation Group	BKC 7

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COOPERATION BETWEEN LACCASE AND GLUCOSE OXIDASE IN THE OXIDATION OF LIGNIN MODEL COMPOUND

MOHAMED YAZRUL BIN MOHD YASSIN

(SUPERVISOR: DR. NOR HANIMAH BINTI HAMIDI)

**BACHELOR OF CHEMICAL ENGINEERING
UNIVERSITI MALAYSIA PAHANG**

**COOPERATION BETWEEN LACCASE AND GLUCOSE OXIDASE IN THE
OXIDATION OF LIGNIN MODEL COMPOUND**

MOHAMED YAZRUL BIN MOHD YASSIN

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SUPERVISOR'S DECLARATION

We hereby declare that we have checked this thesis and in our opinion, this thesis is adequate in terms of scope and quality for the award of the degree of Bachelor of Chemical Engineering.

Signature :

Name of main supervisor : DR. NOR HANIMAH BINTI HAMIDI

Position : SENIOR LECTURER

Date : 15 DECEMBER 2016

STUDENT'S DECLARATION

I hereby declare that the work in this thesis is my own except for quotations and summaries which have been duly acknowledged. The thesis has not been accepted for any degree and is not concurrently submitted for award of other degree

Signature :

Name : MOHAMED YAZRUL BIN MOHD YASSIN

ID Number : KC13031

Date : 15 DECEMBER 2016

Dedicated to my Mother.

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LIST OF ABBREVIATION

LTV	Laccase
GOX	Glucose Oxidase
HPLC	High Performance Liquid Chromatography
UV-VIS	Ultraviolet-Visible Spectrophotometer
ABTS	3-ethylbenzothiazoline-6-sulphonic acid
LMC	Lignin Model Compound
LiP	Lignin peroxidase
MnP	Manganese peroxidase